Town of Shandaken

SAFARI Meeting Notes

Shandaken Area Flood Assessment and Remediation Initiative

January 14, 2020

AWSMP Offices, 3130 State Route 28, Shokan, NY 12481

Attendees: Aaron Bennett, Adam Doan, Brent Gotsch, Rob Stanley, Howie McGowan, Eric Hofmeister, Phil Eskeli, Leslie Zucker, Cynthia Bianco via Skype

Town-wide Flood Mitigation Plan

Cynthia Bianco of Tetra Tech provided a tutorial of their BATool, a program which allows municipalities to track changes in their Flood Hazard Mitigation Plan and report on completion of mitigation actions. After the webinar, attendees felt that it will be easier to track progress using this tool as opposed to doing it on paper (which the Town has done historically). The cost of the BATool is a concern to the Town, however if Ulster County were to subscribe to the service, all/any component municipalities, like Shandaken, would be covered under the County umbrella. Currently the BATool is free for one year (through September 2020), however to continue the service there will be a cost to the Town. A copy of the presentation has been attached.

Supervisor's Report

Rob S reported that there is a building on Bonnie View Avenue in Pine Hill that is in the floodplain that may be renovated and a possible candidate for elevation.

LFA Implementation

Mount Tremper

NYSDOT Route 28/Route 212 Project Updates: Rob S received an inquiry from NYSDOT asking if Wanda Day, the current owner of the former Steller property, was residing in the camper on the property. While Rob was unsure, Phil E indicated that the camper is no longer on the parcel.

<u>Mount Pleasant Bridge Demolition Update</u>: Phil E reported that an increase of \$60,000 was requested by the County DPW to cover some additional costs that have been incurred. That increase was approved by the CWC and demolition remains on track for the spring.

<u>Kirkpatrick Property</u>: Rob S reported that the parcel, located in Mt Tremper on the upstream and west side of the Route 28 bridge, has entered the NYCFFBO. The Town has requested that the NYCDEP to take ownership. Aaron B agreed to send along a summary that articulates the Town's rationale for the request, and NYCDEP will have to decide. NYCDEP staff will be doing a site visit to the property tomorrow.

Phoenicia

<u>Bridge Street Bridge/Floodplain Enhancement</u>: Rob S continues to explore options for relocation for the residents of the parcels impacted by the potential floodplain enhancement project. There is a possibility of subdividing a large parcel at the top of Ava Maria Drive, however he has had trouble communicating with the current landowner about this matter.

Leslie Z informed the Town that SMIP funding has been set aside for a design and engineering for a feasibility study for the floodplain enhancement and Bridge Street Bridge upsizing. The Town must put together an application if interested in applying for these funds. Shandaken and Ulster County could then seek construction funding from the CWC, State, and Federal sources.

Rob reported that the Town was again denied a \$750,000 grant request for the Phoenicia water project. The water line is attached to the Bridge Street Bridge, so perhaps there may be some local funding through the CWC to address these issues facing the hamlet. Rob S will review the Phoenicia LFA for specific recommendations.

Community Rating System

MMI Update on CRS: Aaron B read an email from Milone and MacBroom, Inc. (MMI) regarding the next steps in the CRS enrollment process. David Murphy, MMI's Manager of Water Resources Planning, and Victoria Brudz, Environmental Scientist, will be taking the lead. The next step in the process is to evaluate the data and determine the best opportunities for the town to score points. Staff continue to communicate with Tetra Tech staff for updates about the Floodplain Management Plan. MMI is planning to submit the application in February, and request a meeting with the ISO in late winter. The goal would be for the Town's admittance into CRS in November 2020, with discounts beginning in 2021.

<u>Updating Repetitive Loss List</u>: Aaron B and Howie M will meet next week to finalize the details and submission of the AW-501 forms.

Other Items

NYCDEP Flood Buyout Program: Phil E reported that there is no progress on the Moose property in Fox Hollow. An offer was made but it appears that the owners may be shopping around for a better offer. Additionally, the Reese property has yet to close.

Next Meeting

February 11, 2020 at 10:00am at the AWSMP Office in Shokan.





CRS Activity 510 Progress Reporting Tool

Town of Shandaken Floodplain Management Plan January 14 2020



What Are We Going To Talk About?

- Progress reporting
 - Why?
 - What is it?
 - How?
- Look at the BAToolSM





Town of Shandaken Floodplain Management Plan

- Developed to support CRS and DMA 2000 reporting
- Identified and prioritized 54 mitigation actions
- Adopted by resolution by the Town
- 5-year performance period





Progress Reporting Why?

- CRS Annual Reporting
- Why is progress reporting beneficial?
 - Keeps the plan dynamic
 - Allows the Town to monitor change
 - Provides opportunity for grant coordination
 - Keeps the coordination dialogue going!





Progress Reporting How?

- The progress reporting has been automated via webbased BAToolSM.
- The designated POCs will log in with the general user name and password for the BATool [link:
 - https://www.ttbatool.org].
 - Rob Stanley
 - Aaron Bennett
 - up to 10 users total
- Sign in and indicate the progress made on your mitigation actions.





Progress Reporting How?

- Review all fields to make sure the information is complete and currently accurate.
- A new action can be added, but all fields must be assigned.
- An action can be removed if it has been determined it is no longer feasible or supported by the jurisdiction.





The BAToolSM Progress Reporting

- Web-based, SQL server database created by Tetra Tech
- Scalable for multiple applications: Federal, State or Local
- Secure environment
- Includes reporting function







Let's have a look at the BAToolSM





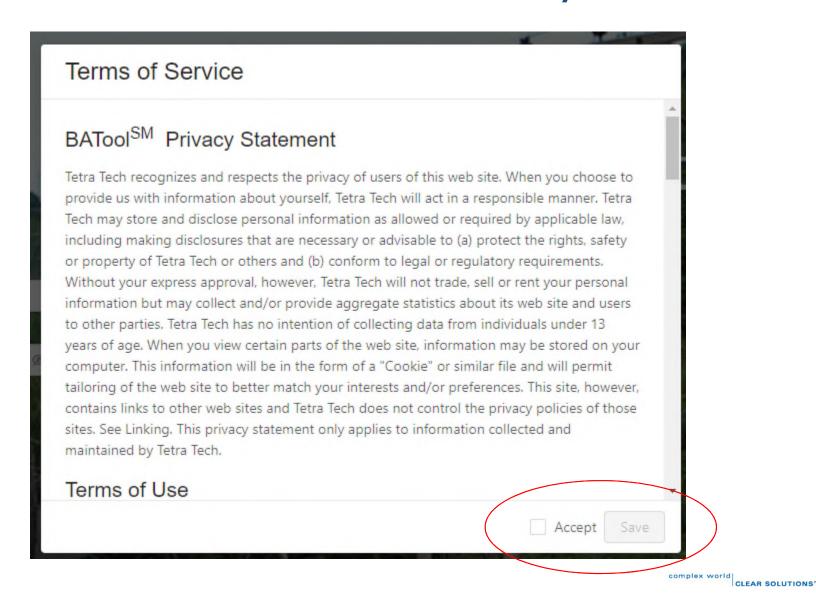
Login Screen

http://ttbatool.org



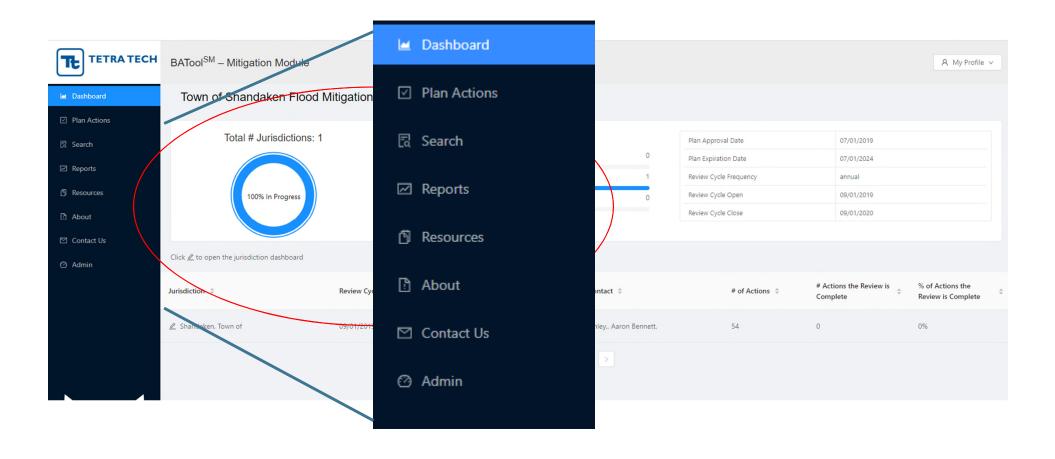


Privacy Statement





Dashboard

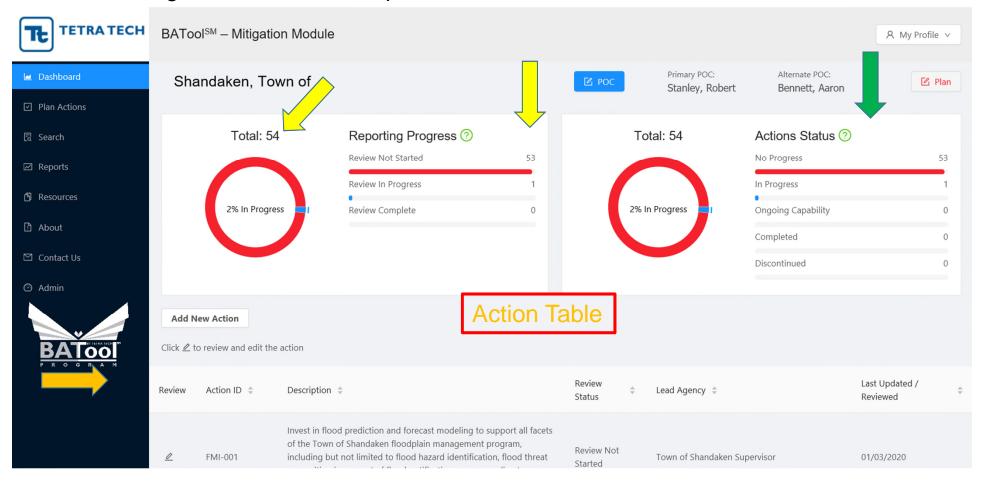




Town Dashboard

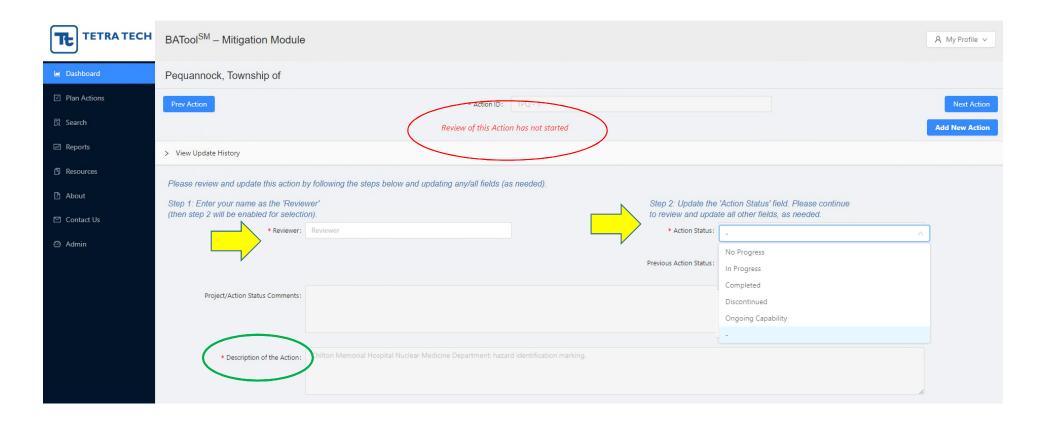
Town of Shandaken has a total of **54** mitigation actions in the plan

As you review, the status of the action is noted.





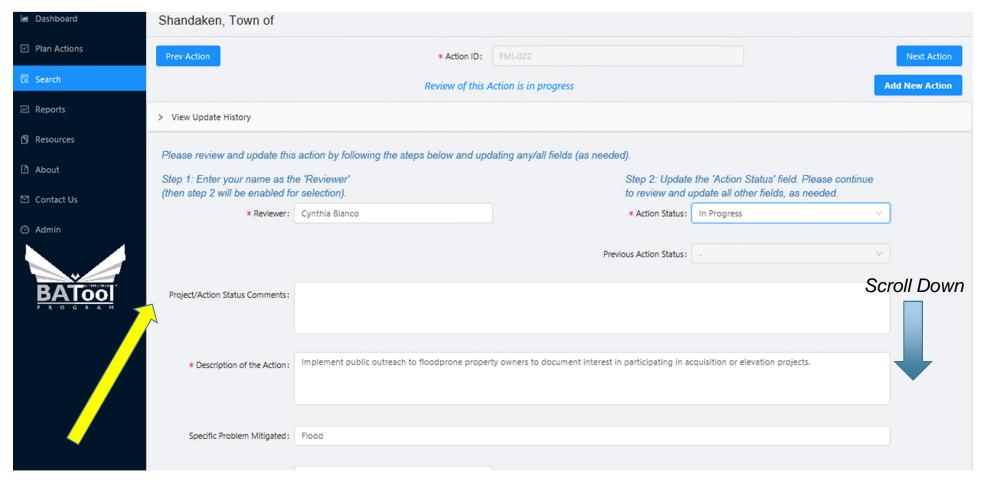
Update Action: FMI-022



After Step 2, the rest of the page becomes active for your review and update.



Update Action: Example FMI-022



Enter details about your progress to date here: *Progress/Action Status Comments*For your 5-year update, should you want to 'carry forward' this action, note 'carry forward' under *Progress/Action Status Comments*



Update Action: FMI-022

Specific Problem Mitigated:	Flood			
Goals and/or Objectives 🕥 :	2-2, 2-4, 2-5, 5-5			
* Lead Agency:	Town of Shandaken Town Supervisor	* Priority:	Medium	
Support Agency:	Town of Shandaken FPA	* Hazard(s) Mitigated:	Flood X	
* Benefits:	Low (< \$10,000)	* Cost:	Low (< \$10,000)	
Describe benefits:	Describe benefits	Detail estimated cost:	Detail estimated cost	
Source of Funding:	HMGP/ Municipal Operating Budget	* Timeline:	Short Term (<5yrs.)	
* Assets/Structures:	Existing	Timeline Comments:	Timeline Comments	
Mitigation Action Category:	Education and Awareness Programs (EAP)	CRS Category:	Public Information (PI)	
Save Draft				Save & Subr
ave Diait				Save & Subil

complex world



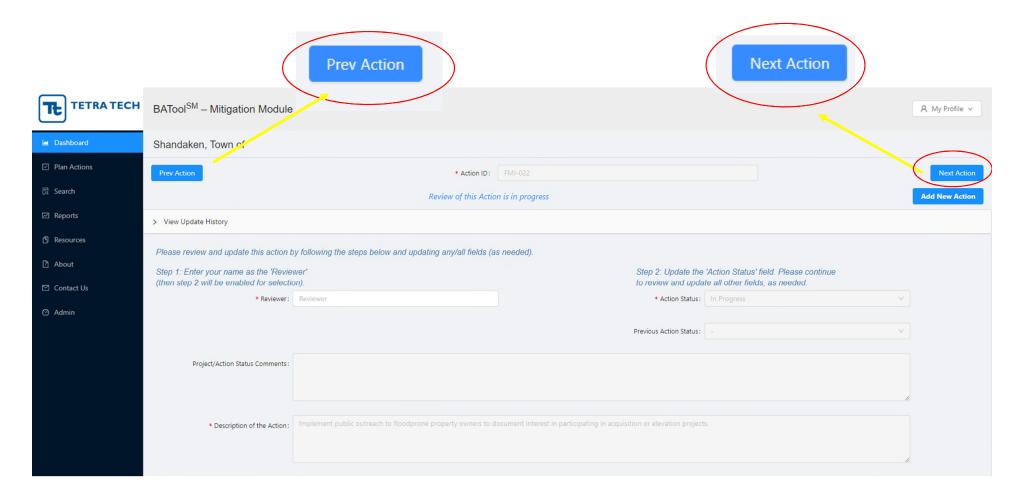
Save your work

complex world CLEAR SOLUTIONS"

Specific Problem Mitigated :	All Hazards			
Goals and/or Objectives ⊚:	1			
* Lead Agency:	Valley Medical Group	* Priority:	Medium V	
Support Agency:	Support Agency	* Hazard(s) Mitigated :	All Hazards ×	
* Benefits:	High (> \$100,000)	* Cost:	Low (< \$10,000)	
Describe benefits :	Describe benefits	Detail estimated cost:	Detail estimated cost	
Source of Funding :	Private	* Timeline :	Short Term (<5yrs.)	
* Assets/Structures :			Timeline Comments	
	Local Plans and Regulations (LPR)		Preventative Measures (PR)	
ivitigatori Action Category.	Local Finals and Negulations (Li Ny	cha category.	Treventative integrates (LTV)	
Save Draft				Save & Submit
Save	e Draft	OR	Save & Submit)



To review the next action...



Continue reviewing using



or



buttons at the top



Continue until all actions are updated

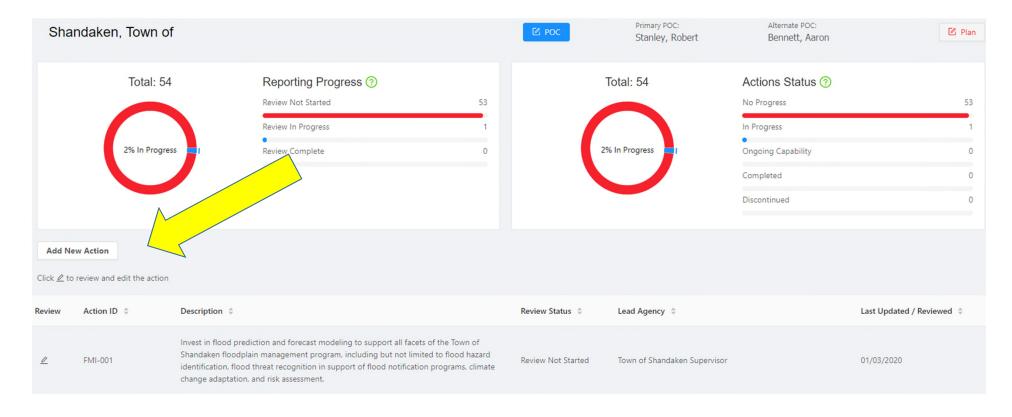
	5 11						
	Dashboard	BATool SM – Mitigation Module					
	Plan Actions	Review	Plan	Action ID 💠	Description ⊕	Action Status 💠	Review Statu
	Search	<u>@</u>	2015 Morris County Hazard Mitigation Plan	TPQ - 1	Chilton Memorial Hospital Nuclear Medicine Department; hazard identification marking.		Review Not S
<u>~</u>	Resources	<u>@</u>	2015 Morris County Hazard Mitigation Plan	TPQ - 10	Install conveyance system from the Village to Woodland Lake		Review Not S
Ē	About	<u></u>	2015 Morris County Hazard Mitigation Plan	TPQ - 11	Install cofferdams to prevent flooding	-	Review Not S
	Contact Us	<u>@</u>	2015 Morris County Hazard Mitigation Plan	TPQ - 12	Update ordinances to require the infiltration of 3inches of stormwater	-	Review Not S
Ø	Admin	n	2015 Morris	TDO 12	Publish a comprehensive document addressing pre, post and in-		Poviou Not C



To Add a New Action

There are 2 places to add a new action:

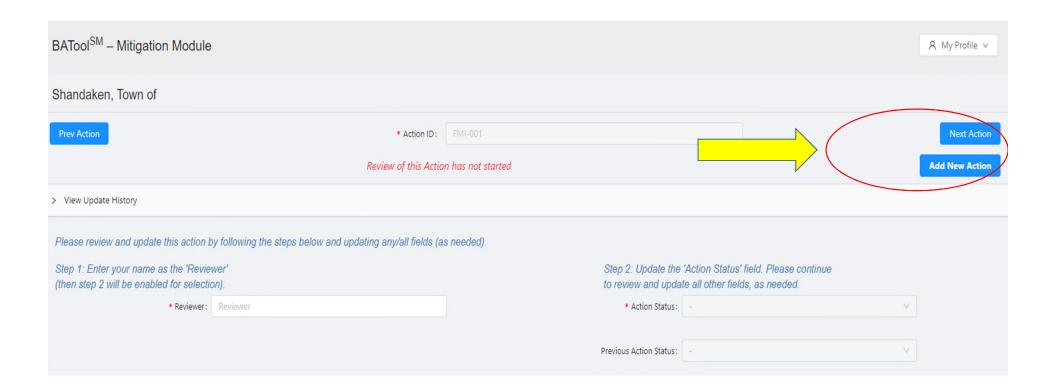
1. In the dashboard





To Add a New Action

2. In the action screens

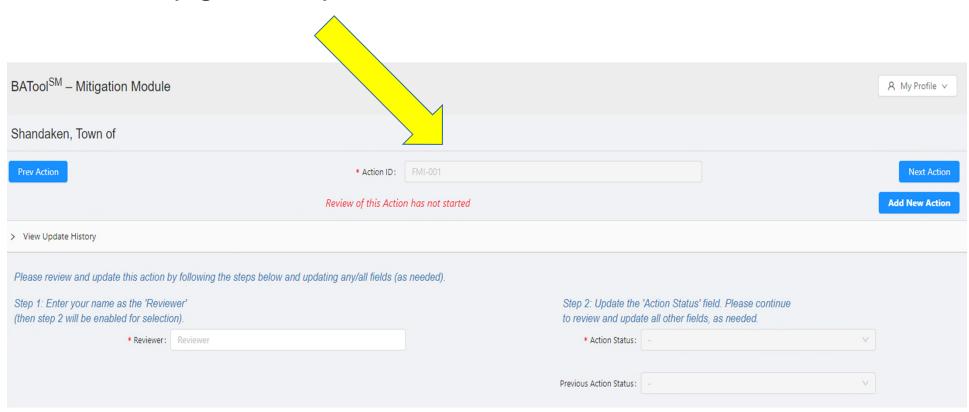


complex world



To Add a New Action

Action ID: # (e.g., FMI-055)





Search

■ Dashboard			A My Profile v
☑ Plan Actions	: Town of Shandaken Flood Mitigation Plan (2019-2024) ×	Include filters ⑦:	And O Or
艮 Search	: Shandaken, Town of X To obtain results for all jurisdictions in the plan, leave the	Hazard(s) Mitigated 📀 :	
∠ Reports	'Jurisdiction' field blank. : Public Information (PI) ×	Mitigation Action Category ⊙:	V
🖺 Resources	:	Review Status :	v
About	: Search Text Search text in lead/supporting agency, source of funding and description	Priority:	V
	End Date: Select date	Action ID:	
			Search

complex world CLEAR SOLUTIONS"

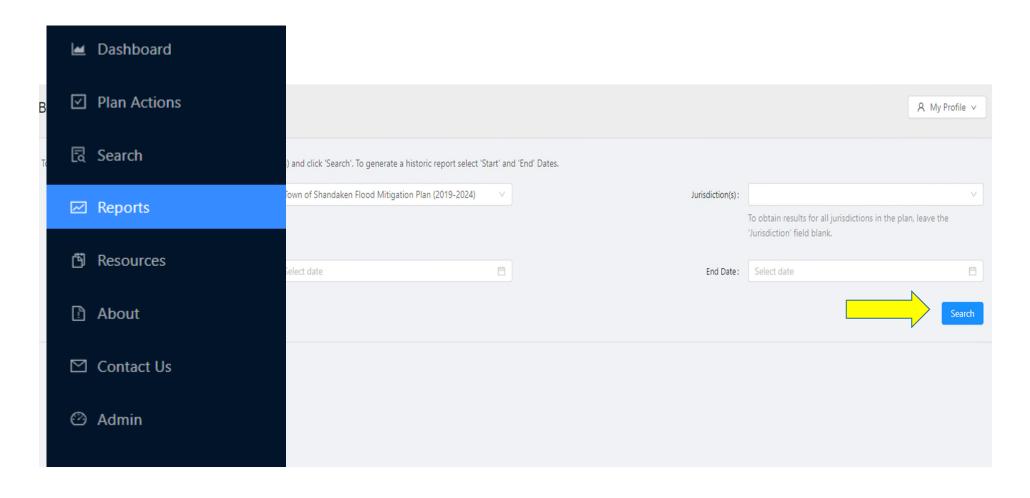


Search

> Show More Fields Export to Excel								Search
Jurisdiction \$	Plan	Action ID 💠	Description	Review Status	Hazards Mitigated 💠	Lead Agency 💠	Sources of Funding	Priority \$
✓ Shandaken, Town of	Town of Shandaken Flood Mitigation Plan (2019-2024)	<u> </u>	Implement public outreach to floodprone property owners to document interest in participating in acquisition or elevation projects.	Review In Progress	Flood	Town of Shandaken Town Supervisor	HMGP/ Municipal Operating Budget	Medium
	Town of Shandaken Flood Mitigation Plan (2019-2024)	<u> </u>	Facilitate biannual notification to landowners who have special flood hazard areas (SFHA) located on their property and provide best management practices and FEMA fact sheets	Review Not Started	Flood	Town of Shandaken Supervisor	Municipal Operating Budget	High

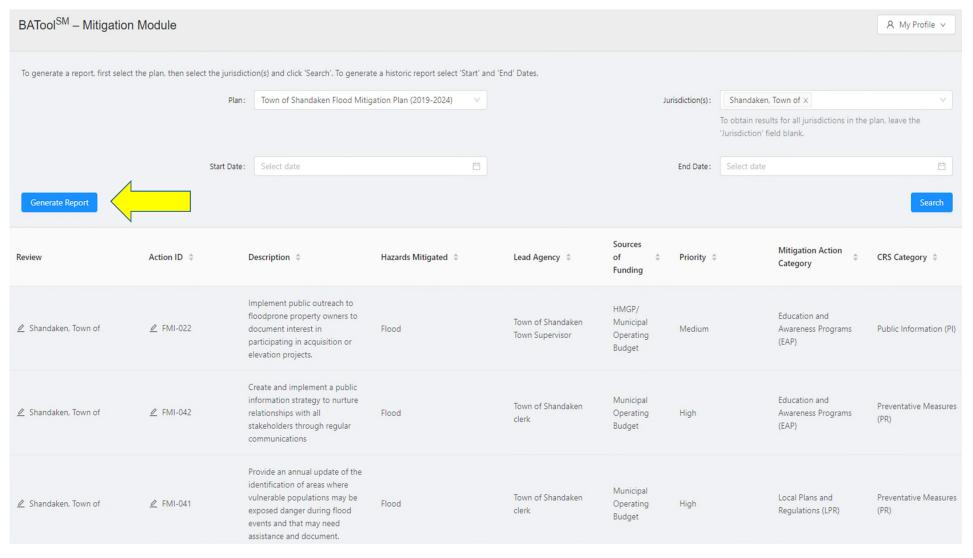


Reports





Generate Report





TOWN OF SHANDAKEN FLOOD MITIGATION PLAN (2019-2024) PROGRESS REPORT

Guidance to the report author:

Please refer to one or more of the following to ensure all required information is captured in your progress report prior to submission: Hazard Mitigation Plan maintenance section, the latest CRS Manual, the U.S. HUD CDBG-DR Action Plan, and any applicable programmatic policies and procedures. Please edit'expand each placeholder section as needed to ensure applicability. Additional guidance is provided throughout the template in yellow italicitied text.

Reporting Period

The reporting period for this progress report is 09-01-2019 through 09-01-2020

Background

Insert the purpose of this report — whether it be for the avnual update of your hazard mitigation plan, annual certification requirements for the CRS or other. Example text is below for a hazard mitigation plan

[Client Name] and participating local cities and districts developed a hazard mitigation plan to reduce risk from all hazards by identifying resources, information, and strategies for risk reduction. The federal Disaster Mitigation Act of 2000 requires state and local governments to develop hazard mitigation plans as a condition for federal disaster grant assistance. To prepare the plan, the participating planning partners organized resources, assessed risks from natural hazards, developed planning goals and objectives, reviewed mitigation alternatives, and developed an action plan to address probable impacts from natural hazards. By completing this process, these jurisdictions maintained compliance with the Disaster Mitigation Act, achieving eligibility for mitigation grant funding opportunities afforded under the Robert T. Stafford Act. The plan can be viewed on-line at: busyr web address

Purpose

The purpose of this report is to provide an update on the implementation of the mitigation initiatives identified in the *Town of Shandaken Flood Mitigation Plam (2019-2024)*. The objective is to ensure that there is a continuing planning process that will keep the Town of Shandaken Flood Mitigation Plan (2019-2024) dynamic and responsive to the needs and capabilities of the [Client Name] and stakeholders.

Planning Committee

For the reporting period, the committee membership is listed in Table 1.

TABLE 1 COMMITTEE				
Name	Title	Jurisdiction/Agency		
Robert Stanley,	Supervisor	Shandaken, Town of		
Aaron Bennett,		Shandaken, Town of		

Summary Overview of the Plan's Progress

Insert a summary of the plan's progress – example text is below for a Hazard Mitigation Plan.

The performance period for the Town of Shandaken Flood Mitigation Plan (2019-2024) became effective on 07-01-2019, with the final approval of the plan by FEMA. The initial performance period for this plan will be 5 years, with an anticipated update to the plan to occur before 01-01-2023. As of this reporting period, the performance period for this plan is considered to be 0% complete. The Town of Shandaken Flood Mitigation Plan (2019-2024) has targeted 54 hazard mitigation actions to be pursued during the 5-year performance period. As of the reporting period, the following overall progress can be reported:

- 1 out of 54 initiatives (2%) reported progress toward completion.
- 53 out of 54 initiatives (98%) reported no action taken.
- 0 out of 54 initiatives (0%) were completed.



TABLE 2 ACTION PLAN MATRIX Action Priority Comment (Describe progress or changed Taken? Changed? priority) Shandaken. Town of FMI-001 - Invest in flood prediction and forecast modeling to support all facets of the Town of Shandaken floodplain management program, including but not limited to flood hazard identification, flood threat recognition in support of flood notification programs, climate change adaptation, and risk assessment. Short Term (<5yrs.) Progress Reported FMI-002 - Create an inventory and establish a priority list for culvert replacement that takes into account flood depth reduction and future losses avoided. Short Term No (<5yrs.) Progress Reported FMI-003 - Develop a post-flood disaster action plan that establishes protocols for the Town such as substantial damage determination, the recording of perishable data (such as high-water marks), grant support, staffing, continuity of operations, and recovery. Short Term Progress (<5yrs.) Reported FMI-004 - Update and adopt a town-wide Flood Response Plan (<5yrs.) Progress FMI-005 - Participate in the Community Rating System (CRS) to further manage flood risk and reduce flood insurance premiums for NFIP policyholders. This shall start with the submission to FEMA-DHS of a Letter of Intent to join CRS, followed by the completion and submission of an application to the program once the community's current compliance with the NFIP is established. No Short Term (<5yrs.) Progress

Generate Report

			stream corridor management in the municipal comprehensi riate local ordinances.	ive plan, site
No	Short Term (<5yrs.)	Yes		No Progress Reported
FMI-007 -	Continue to supp	ort the implem	nentation, monitoring, maintenance, and updating of Flood	Plan.
No	Short Term (<5yrs.)	Yes		No Progress Reported
			i's general building stock inventory in HAZUS-MH with the electronic format at the time this Plan was written.	ne new
No	Short Term (<5yrs.)	Yes		No Progress Reported
			municipal communications network to provide complete ommunications capabilities. Review annually,	coverage of
No	Short Term (<5yrs.)	No		No Progress Reported
	Streamline proce ure damages (pow		ing County Emergency Management of emergency activiti d closures etc.)	es and
No	Short Term (<5yrs.)	No		No Progress Reported
FMI-011 -	Ensure dedicated	phone line for	r town emergency management communications	
No	Short Term (<5yrs.)	No		No Progress Reported
after disast	ters; ensure qualif	ied damage as	is with entities that can provide support with FEMA/SOEM sessment capabilities and personnel – Improve post-disaste rwork compilation, submissions, digital record-keeping.	
No	Short Term	Yes		No



Resources



TETRA TECH BAToolSM – Mitigation Module

A My Profile v

- Dashboard
- Plan Actions
- Search
- Resources
- About
- ☑ Contact Us

Frequently Asked Questions

- What's the difference between an Action Item and a Project?
- Essentially, they are the same for the purpose of this BAToolSM.
- How do I generate a report for my agency?
- The BAToolSM automatically sends an annual report to each jurisdiction's point of contact and alternate. If you want one before then, click the reports button on the left menu bar.
- Can we delete projects/action items?
- Yes; but you must provide a reason for the deletion (no longer a priority, lack of funding, insufficient staffing, etc.)
- What's the difference between "Save Draft" and "Save and Submit"?
- As you update the progress reporting for projects, you may choose to select "Save Draft" so you can either review or update it later. In essence, you are saving the draft update. "Save and Submit" closes the reporting update for that project for that specific reporting period.
- What happens if I hit "Save and Submit" by accident when I really meant to his "Save Draft"?
- You can go back into the action and correct the information. Be sure to click "Save and Submit" again. Or, click the "Contact" button on the left navigation bar and send the details of the Plan (name) and project number you want undone and then send the email.
- Why are there 2 wheels on the dashboard and what do they mean?
- The left wheel is a status of the annual reporting progress. When it turns green, you have completed you progress reporting for that year. The right wheel is the overall status of your projects. It will tell you how many you have, how many completed, in progress, or
- Who do I contact if I have questions that aren't listed here?
- Use the Contact tab on the left navigation bar and send Tetra Tech an email.
- How do I update the Points of Contact?
- Locate the "My Profile" icon in the upper right corner of the page. There is a drop-down menu which will allow you to update your profile including points of contact.
- How often do I need to update each project/action item?
- At least once a year, but quarterly is preferred.
- Can I use abbreviations when I write an update?
- Commonly used ones are OK, such as FEMA or CERT. Avoid using ones which are only known locally or are industry specific, such as P&R (Park and Recreation) or URM (un-reinforced masonry). Just remember not everyone reading the comments knows all possible abbreviations - ALS in one industry may mean something in another.
- 0: What's the difference between "IN PROCESS" and "ON-GOING" for a project?



About



BAToolSM – Mitigation Module

8 My Profile

- Dashboard
- Plan Actions
- Search
- Resources
- About
- ☑ Contact Us
- Admin

A Flood Mitigation Plan (FMP) is a community-wide hazard mitigation plan that identifies existing and future flood-related hazards and their causes and provides a blueprint for mitigation of the impacts of flooding. The Town of Shandaken updated its Flood Mitigation Plan (adopted in September 2019) to meet the requirements of the National Flood Insurance Program's (NFIP) Community Rating System (CRS) Activity 510 - Floodplain Management Planning. The purpose of this plan is to provide a community-wide plan to identify flood vulnerabilities and to develop strategies to help minimize losses if a flood disaster should occur. In addition, this plan will support potential reduction of flood insurance premiums for eliqible NFIP-insured properties.

To maintain good standing in the program, the plan must be maintained and updated on an annual basis to document the following:

- Flood-related hazard events and losses occurring in the Town, including their nature and extent, and the effects that flood mitigation actions have had on impacts and losses
- · Progress on the implementation of mitigation actions, including efforts to obtain outside funding for mitigation actions
- . Any obstacles or impediments to the implementation of actions
- · Additional mitigation actions believed to be appropriate and feasible
- · Public and stakeholder input and comment on the plan

The BAToolSM provides an accessible online platform to update the progress of mitigation actions and initiatives and to generate progress reports as well as a template for the annual Activity 510 report.

Town-specific information as well as CRS resources can be accessed using the following links:

- Town of Shandaken Adopted Flood Mitigation Plan: http://www.shandaken.us/August-2019-Final-Adopted-Floodplain-Management-Plan.pdf
- Town of Shandaken Floodplain Management Information and Resources: http://www.shandaken.us/disaster-prep-response/flood-mitigation-plan/ and http://www.shandaken.us/disaster-prep-response/flo
- · CRS Resources http://crsresources.org/
- CRS Activity 510 (Floodplain Management) Resources https://crsresources.org/500-2/

Additional Tetra Tech Emergency Management Resources to support funding of mitigation projects and the reduction of the impacts of flooding on your community (additional fees may apply):

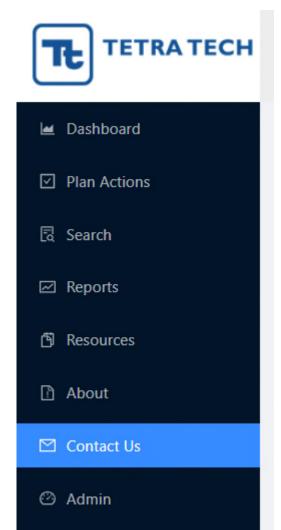
- · Benefit Cost Analysis
- Grant Assistance
- Community Rating System
- Flood Analysis
- · Emergency Operation Plans
- · Continuity of Operation Plans
- · Continuity of Government Plans
- Trainings and Exercises
- · Debris Management Plans
- Disaster Recovery Plans

Click the Contact button and send an email with your request.





Contact Us



By clicking 'Contact Us' this will email the BAToolHelp, or you can email me directly with questions.

Cynthia.bianco@tetratech.com



Summary

Town BATool Administrators (Aaron Bennett, Rob Stanley)

- Can email POCs from the program in the Admin Panel
- Can change passwords if needed
- Can set automated email-reminders
- Can sent automated reports to be run (e.g., quarterly, monthly)

Town Departments

- Unique credentials up to 8 additional users
- You can see and update your actions
- Can search, run reports manually, export data



Action Item

- Confirm your login credentials were received via email
- Use the BAToolSM to update action progress periodically
 - Reminder emails will be sent 60, 30, 15, 7, and one day prior to the end of the review cycle (9/1/20)
- Use the BAToolSM to add new actions during the annual reporting period
- Work with your Tetra Tech planner should you need additional assistance

http://ttbatool.org

Note! Chrome is the best internet browser to support this application.





Questions

Thank you!

Cynthia Addonizio-Bianco, CFM, AICP

Tetra Tech, Inc.

Cynthia.bianco@tetratech.com

